

**Dental/Oral Diseases**  
Summary of Methods and Data for Estimate of Costs of Illness

1. Estimated Total Economic Cost	Not Available
Estimated Direct Cost	\$ 50.6 billion
Estimated Indirect Cost	Not Available
Reference Year	1997
ICD Providing the Estimate	NIDCR
Direct Costs Include: Other related nonhealth costs	No
Indirect Costs Include:	
Mortality costs	No
Morbidity costs: Lost workdays of the patient	No
Morbidity costs: Reduced productivity of the patient	No
Lost earnings of unpaid care givers	No
Other related nonhealth costs	No
Interest Rate Used to Discount Out-Year Costs	Not Available
2. Category code(s) from the International Classification of Diseases, 9th Revision, Clinical Modification,(ICD-9-CM) for all diseases whose costs are included in this estimate: <u>520(3)-529</u> .	
3. Estimate Includes Costs:	
Of related conditions beyond primary, strictly coded ICD-9-CM category	No
Attributable to the subject disease as a secondary diagnosis	No
Of conditions for which the subject disease is an underlying cause	No
4. Population Base for Cost Estimate (Total U.S. pop or other)	Total U.S. pop.
5. Annual (prevalence model) or Lifetime (incidence model) Cost:	Annual
6. Perspective of Cost Estimate (Total society, Federal budget, or Other)	Total Society
7. Approach to Estimation of Indirect Costs	Not Available

8. Source of Cost Estimate: Health Care Financing Administration (HCFA), Office of the Actuary, National Health Statistics Group: National Health Expenditures. Data reported here current as of 12/99.

Methodologic details are given in: National Health Accounts: Lessons from the U.S. Experience, available at <http://www.hcfa.gov/stats/nhe-oact/lessons/httoc.htm>

9. Other Indicators of Burden of Disease:

Despite remarkable improvements in the oral health of the U.S. population, dental and oral diseases remain widespread. Dental caries can be found in 84 percent of children by age 17, 96 percent of adults, and 99.5 percent of those above the age of 65. Periodontal diseases and other oral conditions affect almost every U.S. resident and over 17 million have lost all their teeth. Oropharyngeal cancer is estimated to result in more than 29,000 new cases and 8,000 deaths per year.

10. Commentary:

As noted above, the cost of illness estimate for Dental/Oral Diseases is based on an estimate of national expenditures for dental services computed by the Health Care Financing Administration (HCFA). Note that the costs reported here are direct costs only - indirect costs are not included.